

AMENDMENTS TO THE CLAIMS:

This listing of claims will replace all prior versions, and listings, of claims in the application:

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Please add the following new claims:

30. (New) An electric toy vehicle intended for being driven by a child driver while playing comprising:

a seat or saddle for the child driver;

at least two wheels, at least one of which being a driving wheel;

an electric motor;

a speed reducer which transmits movement to said at least one driving wheel;

a rechargeable power supply battery for powering said electric motor and moving the electric toy vehicle;

wherein:

a) said at least one driving wheel comprises a rim and a tire fit on said rim, said tire comprising a rubber carcass and a tread;

b) said electric toy vehicle also comprises an electronic control system configured to regulate the power supply voltage to the electric motor;

c) said electronic control system also comprises means for regulating vehicle acceleration in a manner substantially independently of the load transported by the vehicle, in accordance with a suitable acceleration ramp.

31. (New) The toy vehicle according to claim 30, wherein said electronic control system also comprises means for regulating the vehicle deceleration in a manner substantially independently of the load transported by the vehicle, in accordance with a suitable deceleration ramp.

32. (New) The toy vehicle according to claim 30, wherein said electronic control system is programmed so that said electric motor receives predetermined fractions of the maximum voltage which can be supplied by said battery.

33. (New) The toy vehicle according to claim 30, wherein said electronic control system configured to regulate the power supply voltage to the motor comprises a potentiometer.

34. (New) The toy vehicle according to claim 30, wherein said electronic control system also comprises short-circuiting means for managing the motor braking function.

35. (New) The toy vehicle according to claim 30, wherein said electronic control system also comprises means for controlling the direct-current flow and preventing current peaks affecting the motor, typically when starting and reversing.

36. (New) The toy vehicle according to claim 30, wherein said electronic control system also comprises means for electronically disabling the functions of the vehicle during recharging of the power supply battery.

37. (New) The toy vehicle according to claim 30, wherein said rubber carcass comprises two cross plies cross plies, each of said cross plies comprising cords made of nylon.

38. (New) The toy vehicle according to claim 30, wherein said tread comprises blocks and grooves forming a tread pattern providing a coefficient of friction greater than about 0.35.

39. (New) The toy vehicle according to Claim 30, wherein a thickness of the carcass in sidewall zone ranges between about 1.0 mm and 4.5 mm, more preferably between about 2.0 mm and 3.8 mm, and even more preferably between about 2.5 mm and about 3.3 mm.

40. (New) An electronic control system for an electric toy vehicle which is intended for being driven by a child driver while playing, said electronic control system being configured to regulate the power supply voltage to the motor and comprising means for regulating vehicle acceleration in a manner substantially independently of the load transported by the vehicle, in accordance with a suitable acceleration ramp.

41. (New) The electronic control system according to claim 40, further comprising means for regulating vehicle deceleration in a manner substantially independently of the load transported by the vehicle, in accordance with a suitable deceleration ramp.

42. (New) The electronic control system according to Claim 40, further comprising short-circuiting means for managing the motor braking function.

43. (New) The electronic control system according to Claim 40, further comprising means for controlling-the direct-current flow and preventing current peaks affecting the motor, typically when starting and reversing.

44. (New) The electronic control system according to Claim 40, further comprising means configured to disable the functions of the vehicle at predefined overload values.

45. (New) The electronic control system according to Claim 40, further comprising means for electronically disabling the functions of the vehicle during recharging of the power supply battery.